

WHAT IS CLAIMED IS:

1. An electrical impulse apparatus for facial massage, comprising:
  - a microprocessor;
  - an impulse generator controlled by the microprocessor to generate pulsed
  - 5 signals;
  - a switch connected to the microprocessor for inputting operation;
  - a pad with one surface attachable to facial skin; and
  - two electrodes mounted on the pad to electrically connect with the impulse generator;
- 10 thereby an electro-muscle stimulation is applied to facial tissue as a operation cycle including a first session of pulse generation with 100Hz in frequency and 100  $\mu$  s in width for continuous three minutes, a second session with 130Hz and 80  $\mu$  s for continuous three minutes, a third session with 100Hz and 100  $\mu$  s for continuous four minutes, a fourth session with 8Hz and 20  $\mu$  s for
- 15 continuous two minutes, a fifth session with 100Hz and 100  $\mu$  s for continuous four minutes, a sixth session with 5Hz and 30  $\mu$  s for continuous two minutes, a seventh session with 130Hz and 80  $\mu$  s for continuous four minutes, a eighth session with 8Hz and 20  $\mu$  s for continuous two minutes, a ninth session with 130Hz and 80  $\mu$  s for continuous four minutes, and a tenth session with 5Hz and
- 20 30  $\mu$  s for continuous two minutes.

2. The apparatus of Claim 1, wherein all sessions are continuous to obtain a totally thirty-minute operation cycle.

3. The apparatus of Claim 1, further comprising a housing for installation of the microprocessor and the impulse generator inside, and the buttons on a surface
- 25 thereof.

4. The apparatus of Claim 3, wherein the pad is located directly on the housing.

5. The apparatus of Claim 3, further comprising two conductive lines connected between the impulse generator and each of the electrodes, respectively.

6. The apparatus of Claim 1, further comprising a light emitting device connected to the microprocessor for indicating an operation status.

5        7. The apparatus of Claim 1, wherein the switch includes two buttons to increase and decrease the strength of the pulse generation, respectively.

8. The apparatus of Claim 7, wherein the strength increasing button is a power-on switch at start.

9. The apparatus of Claim 7, wherein the strength decreasing button is a  
10 power-off switch after sequent reduction.